

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A waveguide filter comprising:

a substrate[[(S)]], having an upper face that is coated on at least a portion of ~~upper face thereof~~ with a structured metallic layer[[(TM);]] and also has at least one metallic stripline disposed thereon; and for carrying electromagnetic waves, and

a component that is fitted to the upper face of the substrate; [[(S),]]
wherein

one side wall of the waveguide filter is formed by the structured metallic layer [[(TM)]] that is coated on the upper face of the substrate; (S), and wherein

other side walls of the waveguide filter are formed by the component[[(FB)]];

said waveguide filter having has input and output points for coupling [[the]] electromagnetic waves carried between in the at least one

Serial No. 10/528,426
Amendment Dated: July 27, 2007
Reply to Office Action Mailed: April 27, 2007
Attorney Docket No. 056226.56029US

metallic strip [[lines]] line to and from and an internal portion of the waveguide filter; [[.]])

a sidewall of the component which is opposite the upper face of the substrate has a structure; and

the component has a web which rests on the structured metallic layer on the upper face of the substrate, and which follows the structure.

Claim 2. (Currently Amended) The waveguide filter as claimed in claim 1, wherein the component [[(FB)]] is a surface mounted device.

Claim 3. (Cancelled)

Claim 4. (Currently Amended) The waveguide filter as claimed in claim 1, wherein a cross section of the component [[(FB)]] is chosen in accordance with predetermined filter characteristics of the waveguide filter, [[(HF).]]

Claim 5. (Cancelled)

Claim 6. (Currently Amended) A waveguide filter, comprising:
a substrate at least partially coated with a structured metallic layer,

a surface mounted device fitted on said structured metallic layer and forming a plurality of surfaces of said waveguide [[fitter,]] filter;

at least one metallic stripline formed on said substrate for carrying electromagnetic waves.

Claim 7. (Currently Amended) The waveguide filter as claimed in claim 6, wherein the component [[(FB)]] has a circumferential web [[(ST)]] which rests on the structured metallic layer [[(TM)]] on the upper face of the substrate, [[(S).]]

Claim 8. (Currently Amended) The waveguide filter as claimed in claim 6, wherein a cross section of the component [[(FB)]] is chosen in accordance with predetermined filter characteristics of the waveguide filter, [[(HF).]]

Claim 9. (Currently Amended) The waveguide filter as claimed in claim 6, wherein a side wall of the component [[(S)]] which is opposite the upper face of the substrate [[(S)]] has a structure [[(SK)]] which can be predetermined for corresponding appropriate filter characteristics.

Claim 10. (Currently Amended) The waveguide filter as claimed in claim 2, wherein a cross section of the component [[(FB)]] is chosen in accordance with predetermined filter characteristics of the waveguide filter, [[(HF).]]

Claim 11. (Currently Amended) The waveguide filter as claimed in claim 3, wherein a cross section of the component [[(FB)]] is chosen in accordance with predeterminable filter characteristics of the waveguide filter. [[(HF).]]

Claim 12. (Currently Amended) The waveguide filter as claimed in claim 2, wherein a side wall of the component [[(S)]] which is opposite the upper face of the substrate [[(S)]] has a structure [[(SK)]] which can be predetermined for corresponding appropriate filter characteristics.

Claim 13. (Currently Amended) The waveguide filter as claimed in claim 3, wherein a side wall of the component [[(S)]] which is opposite the upper face of the substrate [[(S)]] has a structure [[(SK)]] which can be predetermined for corresponding appropriate filter characteristics.

Claim 14. (Currently Amended) The waveguide filter as claimed in claim 4, wherein a side wall of the component [[(S)]] which is opposite the upper face of the substrate [[(S)]] has a structure [[(SK)]] which can be predetermined for corresponding appropriate filter characteristics.